Hardware Specification

TS-1635AX-4G

CPU	Marvell® ARMADA® 8040 ARMv8 Cortex-A72 quad-core 1.6 GHz processor Architecture: 64-bit Encryption Engine: Yes
System Memory	4 GB DDR4 (1 x 4 GB)
Maximum Memory	16 GB (1 x 16 GB)
Memory Slot	1 x DDR4 Long-DIMM slot
Drive Bay	12 x 3.5-inch SATA 6 Gbps bays 4 x 2.5-inch SATA 6 Gbps bays
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch bays: 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
M.2 SSD Slot	2 x M.2 SATA 6 Gbps SSD slots (2280 form factor) Note: 1. The M.2 SSD is not included as standard. 2. M.2 SSD operations can easily generate excessive heat. It is recommended to install a heatsink (from ~~QNAP~~ or a third-party provider) on the M.2 SSD.
SSD Cache Acceleration Support	3.5-inch bays 1 to 8 2.5-inch bays 1 to 4 M.2 SATA SSD slots 1 to 2 Optional: SSDs on an optional QM2 PCIe expansion card
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Gigabit Ethernet Port	2 x RJ45
USB Port	3 x USB 3.1 Gen 1 Type-A Front: 1 (Note: It comes with the One-Touch Copy button) Back: 2

PCIe Slot	Slot 1: 3.0 x 2 Slot 2: 3.0 x 1
USB One Touch Copy	Front: USB 3.1 Gen 1 Type-A
Audio	1 x 3.5 mm line-out jack Speaker Alarm buzzer Note: You cannot use the speaker and the line-out jack simultaneously.
Form Factor	Desktop
Dimensions (H x W x D)	303.84 x 369.89 x 319.8 mm 11.96 x 14.56 x 12.59 inch
Weight	Net: 12.06 kg (28.79 lbs)
Power Supply Unit	250 W, 100 - 240V AC, 50/60 Hz
Power Consumption (W)	HDD sleep: 39.74 W In Operation: 76.69 W (with 12 x 1 TB HDDs and 4 x 120 GB SSDs)
Fan	System: 3 x 9.2 cm fan (12V DC) CPU: 1 x 6 cm fan (12V DC)
Sound Level	23.0 dB(A)
Operating Temperature & Relative Humidity	0 ~ 40˚C (32˚F ~ 104˚F), 5 ~ 95% RH non-condensing, wet bulb temp.: 27˚C (80.6˚F)
Security Slot	Kensington security slot

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.
* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.
Designs and specifications are subject to change without notice.